

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT***(use as many sheets as necessary)*

Sheet 1 of 6

Complete if Known

Application Number	10/783,888
Filing Date	February 20, 2004
First Named Inventor	Joseph J. Kubler et al.
Group Art Unit	2617
Examiner Name	Afshar, Kamran
Attorney Docket No.	14364US13

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A20	US-08/493480	06-1995	Angle	
	A21	US-2001/0055978	12-2001	Herrod et al.	
	A22	US-2003/0002482 A1	01-2003	Kubler et al.	
	A23	US-2003/0002637	01-2003	Miyahchi et al.	
	A24	US-2003/0118081 A1	06-2003	Philips et al.	
	A25	US-2003/0174695	09-2003	Lautenschlager et al.	
	A26	US-2004/0023651	02-2004	Gollnick et al.	
	A27	US-2004/0039833	02-2004	Ludwig et al.	
	A28	US-2004/0081135	04-2004	Ewing et al.	
	A29	US-2004/0114567 A1	06-2004	Kubler et al.	
	A30	US-2004/0146037 A1	07-2004	Kubler et al.	
	A31	US-2004/0151150 A1	08-2004	Kubler et al.	
	A32	US-2004/0151151 A1	08-2004	Kubler et al.	
	A33	US-2004/0151151 A1	08-2004	Kubler et al.	
	A34	US-2004/0165573 A1	08-2004	Kubler et al.	
	A35	US-2004/0174841 A1	09-2004	Kubler et al.	
	A36	US-2004/0174842 A1	09-2004	Kubler et al.	
	A37	US-2004/0174843 A1	09-2004	Kubler et al.	
	A38	US-2004/0228330 A1	11-2004	Kubler et al.	
	A39	US-2004/0246940 A1	12-2004	Kubler et al.	
	A40	US-2005/0013266 A1	01-2005	Kubler et al.	
	A41	US-2005/0036467 A1	02-2005	Kubler et al.	
	A42	US-2005/0152319 A1	07-2005	Kubler et al.	
	A43	US-2005/0254475 A1	11-2005	Kubler et al.	
	A44	US-3,786,195	01-1974	Schiffman, Murray M.	
	A45	US-4,317,195	02-1982	Barberis et al.	
	A46	US-4,320,500	03-1982	Barberis et al.	
	A47	US-4,450,554	05-1984	Steensma et al.	
	A48	US-4,453,247	06-1984	Suzuki et al.	
	A49	US-4,493,021	01-1985	Agrawal et al.	
	A50	US-4,630,262	12-1986	Callens et al.	
	A51	US-4,641,302	02-1987	Miller, William J.	
	A52	US-4,704,696	11-1987	Reimer et al.	

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		Group Art Unit	2617
		Examiner Name	Afshar, Kamran
Attorney Docket Number	14364US13		
Sheet	2		6

U.S. PATENT DOCUMENTS					
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		Number-Kind Code ² (if known)			
	A53	US-4,706,242	11-1987	Harland, Geoffrey	
	A54	US-4,757,497	07-1988	Beierle et al.	
	A55	US-4,777,633	10-1988	Fletcher et al.	
	A56	US-4,847,829	07-1989	Tompkins et al.	
	A57	US-4,872,160	10-1989	Hemmady et al.	
	A58	US-4,884,132	11-1989	Morris et al.	
	A59	US-4,903,261	02-1990	Baran et al.	
	A60	US-4,910,794	03-1990	Mahany, Ronald L.	
	A61	US-4,941,089	07-1990	Fischer, Michael A.	
	A62	US-5,008,929	04-1991	Olsen et al.	
	A63	US-5,068,916	11-1991	Harrison et al.	
	A64	US-5,103,467 A	04-1992	Bedlek et al.	
	A65	US-5,121,391	06-1992	Paneth et al.	
	A66	US-5,128,959	07-1992	Bruckert, Eugene J.	
	A67	US-5,142,532	08-1992	Adams, John L.	
	A68	US-5,148,429 A	09-1992	Kudo et al.	
	A69	US-5,159,592 A	10-1992	Perkins, Charles E.	
	A70	US-5,168,498 A	12-1992	Adams et al.	
	A71	US-5,220,565 A	06-1993	Wilson et al.	
	A72	US-5,222,152 A	06-1993	Fishbine et al.	
	A73	US-5,231,646	07-1993	Heath et al.	
	A74	US-5,251,205 A	10-1993	Callon et al.	
	A75	US-5,251,232	10-1993	Nonami, Takayuki	
	A76	US-5,268,933 A	12-1993	Averbuch, Nimrod	
	A77	US-5,273,437	12-1993	Caldwell et al.	
	A78	US-5,280,472	01-1994	Gilhousen et al.	
	A79	US-5,287,384	02-1994	Avery et al.	
	A80	US-5,301,356	04-1994	Bodin et al.	
	A81	US-5,325,419	06-1994	Connolly et al.	
	A82	US-5,327,486	07-1994	Wolff et al.	
	A83	US-5,341,374	08-1994	Lewen et al.	
	A84	US-5,367,558 A	11-1994	Gillig et al.	
	A85	US-5,373,503	12-1994	Chen, Kwang-Cheng	
	A86	US-5,384,807	01-1995	Yatim et al.	
	A87	US-5,392,281 A	02-1995	Baumert et al.	

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	A88	US-5,394,436	02-1995	Meier et al.	
	A89	US-5,398,190	03-1995	Wortham, Larry C.	
	A90	US-5,404,579	04-1995	Obayashi et al.	
	A91	US-5,406,271 A	04-1995	Sonnendorfer et al.	
	A92	US-5,422,656 A	06-1995	Allard et al.	
	A93	US-5,428,616	06-1995	Field et al.	
	A94	US-5,428,664	06-1995	Kobayashi, Takeo	
	A95	US-5,434,856	07-1995	Huang, Jian-Cheng	
	A96	US-5,444,707 A	08-1995	Cerna et al.	
	A97	US-5,453,986 A	09-1995	Davis et al.	
	A98	US-5,461,611	10-1995	Drake et al.	
	A99	US-5,477,531 A	12-1995	McKee et al.	
	A100	US-5,477,539	12-1995	Brown, Thomas A.	
	A101	US-5,481,533 A	01-1996	Honig et al.	
	A102	US-5,481,539 A	01-1996	Hershey et al.	
	A103	US-5,483,676	01-1996	Mahany et al.	
	A104	US-5,490,134	02-1996	Fernandes et al.	
	A105	US-5,499,287	03-1996	Beck et al.	
	A106	US-5,502,726 A	03-1996	Fischer, Michael	
	A107	US-5,506,847	04-1996	Shobatake, Yasuro	
	A108	US-5,506,848 A	04-1996	Drakopoulos et al.	
	A109	US-5,521,925 A	05-1996	Merakos et al.	
	A110	US-5,524,145	06-1996	Parker, Alita M.	
	A111	US-5,526,353	06-1996	Henley et al.	
	A112	US-5,533,019	07-1996	Jayapalan, Jay P.	
	A113	US-5,534,937	07-1996	Zhu et al.	
	A114	US-5,535,207	07-1996	Dupont, Pierre	
	A115	US-5,539,729	07-1996	Bodnar, Bohdan L.	
	A116	US-5,550,893	08-1996	Heidari, Alireza R.	
	A117	US-5,557,664	09-1996	Burns et al.	
	A118	US-5,566,170	10-1996	Bakke et al.	
	A119	US-5,570,367	10-1996	Ayanoglu et al.	
	A120	US-5,579,487	11-1996	Meyerson et al.	
	A121	US-5,581,596	12-1996	Hogan, Jerry C.	
	A122	US-5,586,113	12-1996	Adachi et al.	

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	A123	US-5,596,573 A	01-1997	Bertland, Staffan	
	A124	US-5,600,638	02-1997	Bertin et al.	
	A125	US-5,602,836	02-1997	Papadopoulos et al.	
	A126	US-5,602,846	02-1997	Holmquist et al.	
	A127	US-5,604,737 A	02-1997	Iwami et al.	
	A128	US-5,610,617	03-1997	Gans et al.	
	A129	US-5,613,190	03-1997	Hyllton, Denny L.	
	A130	US-5,615,210	03-1997	Kaiyama et al.	
	A131	US-5,617,410	04-1997	Matsumoto, Mariko	
	A132	US-5,623,485	04-1997	Bi, Qi	
	A133	US-5,628,055 A	05-1997	Stein, Per	
	A134	US-5,631,900	05-1997	McCaslin et al.	
	A135	US-5,635,980	06-1997	Lin et al.	
	A136	US-5,649,010	07-1997	Gysel et al.	
	A137	US-5,650,994	07-1997	Daley, Kathleen	
	A138	US-5,654,957	08-1997	Koyama, Toshiaki	
	A139	US-5,654,969	08-1997	Wilhelmsson, Lennart	
	A140	US-5,659,698	08-1997	Weng et al.	
	A141	US-5,666,534	09-1997	Gilbert et al.	
	A142	US-5,678,172 A	10-1997	Dinkins, Gilbert M.	
	A143	US-5,682,379	10-1997	Mahany et al.	
	A144	US-5,699,423	12-1997	Yoshida et al.	
	A145	US-5,717,737	02-1998	Doviak et al.	
	A146	US-5,726,984 A	03-1998	Kubler et al.	
	A147	US-5,729,544	03-1998	Lev et al.	
	A148	US-5,734,981	03-1998	Kennedy et al.	
	A149	US-5,742,592	04-1998	Scholefield et al.	
	A150	US-5,742,639	04-1998	Fasulo et al.	
	A151	US-5,745,533	04-1998	Asada et al.	
	A152	US-5,745,556	04-1998	Ronen, Yzhak	
	A153	US-5,758,256	05-1998	Berry et al.	
	A154	US-5,774,461	06-1998	Hyden et al.	
	A155	US-5,774,854	06-1998	Sharman, Richard Anthony	
	A156	US-5,777,991	07-1998	Adachi et al.	
	A157	US-5,793,762	08-1998	Penners et al.	

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	A158	US-5,796,727	08-1998	Harrison et al.	
	A159	US-5,796,772 A	08-1998	Smith et al.	
	A160	US-5,812,531	09-1998	Cheung et al.	
	A161	US-5,812,944	09-1998	Matsumoto, Kouichi	
	A162	US-5,838,730	11-1998	Cripps, Peter K.	
	A163	US-5,842,134	11-1998	Brown et al.	
	A164	US-5,842,224	11-1998	Fenner, Peter R.	
	A165	US-5,915,214 A	06-1999	Reece et al.	
	A166	US-5,953,319	09-1999	Dutta et al.	
	A167	US-5,956,673 A	09-1999	Weaver et al.	
	A168	US-5,960,074	09-1999	Clark, Curtis	
	A169	US-5,987,099	11-1999	O'Neill et al.	
	A170	US-6,046,992	04-2000	Meier et al.	
	A171	US-6,073,030 A	06-2000	Nair et al.	
	A172	US-6,104,706 A	08-2000	Richter et al.	
	A173	US-6,108,704	08-2000	Hutton et al.	
	A174	US-6,131,121	10-2000	Mattaway et al.	
	A175	US-6,132,306	10-2000	Trompower, Michael L.	
	A176	US-6,134,312	10-2000	Peoples, John Terrance	
	A177	US-6,157,653 A	12-2000	Kline et al.	
	A178	US-6,345,047 B1	02-2002	Regnier, Jean Michel	
	A179	US-6,366,771	04-2002	Angle et al.	
	A180	US-6,453,351 B1	09-2002	Endo, Noboru	
	A181	US-6,542,497	04-2003	Curry et al.	
	A182	US-6,553,410	04-2003	Kikinis, Dan	
	A183	US-6,633,635	10-2003	Kung et al.	
	A184	US-6,850,510 B2	02-2005	Kubler et al.	
	A185	US-6,961,312 B2	11-2005	Kubler et al.	
	A186	US-7,058,424	06-2006	Gadgil et al.	
	A187	US-7,136,475	11-2006	Rogers et al.	
	A188	US-7,161,931	01-2007	Li et al.	
	A189	US-7,366,151 B2	04-2008	Kubler et al.	
	A190	US-H,001,641 H	04-1997	Sharman, Duane R.	
	A191	US-RE38,787 E	08-2005	Sainton et al.	

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OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C34	Decision of Appeals 2008-1199, -1271, -1272 in the United States Court of Appeals for the Federal Circuit, <i>Broadcom Corporation v. Qualcomm Incorporated</i> , On appeal from the United States District Court for the Central District of California in Case No. 05-CV-467-JVS, Decided September 24, 2008.
	C35	Black, Uyless; ATM Volume I; Prentice Hall, 1995, PP 244-245.
	C36	Dynamic Computation of TCP Maximum Window Size for Directly Connected Hosts, 4/1/94, IBM Technical Disclosure Cross Ref. No. 0018-8689-37-4A-601, PP: 601-608.
	C37	Martin, Local Area Networks, 1994, Prentice Hall, PP:367-369.
	C38	Martin, Local Area Networks, 1994, Prentice-Hall, PP:372-373.
	C39	Stevens, TCP/IP Illustrated, Volume 1, 1994, Addison-Wesley, PP: 104-107.

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